| NATURAL CONDITIONS (CFSM)                        |              |              |          |         |                   |       |       |      |      | 2.1                           |   |  |
|--|--------------|--------------|----------|---------|-------------------|-------|-------|------|------|-------------------------------|---|--|
|  | OCTOBER      | NOVEMBER     | DECEMBER | JANUARY | FEBRUARY          | MARCH | APRIL | MAY  | JUNE | JULY                          | AUGUST  | SEPTEMBE                               |
| Corrected Baseflow (CFS)                         | 7.3          | 7.3          | 9.1      | 11.4    | 13.1              | 14.7  | 15.1  | 13.7 | 9.9  | 7.6                           | 6.2   | 5.2                                    |
| Corrected Baseflow (CFSM)                        | 2.70         | 2.71         | 3.39     | 4.25    | 4.89              | 5.45  | 5.60  | 5.09 | 3.69 | 2.84                          | 2.31  | 1.94                                   |
| Corrected Streamflow (CFS)                       | 8.2          | 8.3          | 10.3     | 12.9    | 14.8              | 16.4  | 16.9  | 15.2 | 11.1 | 8.5                           | 7.1   | 5.9                                    |
| Corrected Streamflow (CFSM)                      | 3.04         | 3.09         | 3.84     | 4.78    | 5.51              | 6.09  | 6.30  | 5.64 | 4.13 | 3.15                          | 2.66  | 2.18                                   |
| redicted % Baseflow                              | 0.89         | 0.88         | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  | 0.90 | 0.89 | 0.90                          | 0.87  | 0.89                                   |
| CURRENT CONDITIONS (CFSM)                        |              |              |          |         |                   |       |       |      |      |                               |   |  |
|  | OCTOBER      | NOVEMBER     | DECEMBER | JANUARY | FEBRUARY          | MARCH | APRIL | MAY  | JUNE | JULY                          | AUGUST  | SEPTEMBE                               |
| orrected Baseflow (CFS)                          | 7.1          | 7.2          | 9.1      | 11.4    | 13.0              | 14.5  | 14.8  | 13.3 | 9.5  | 7.2                           | 5.8   | 5.0                                    |
| orrected Baseflow (CFSM)                         | 2.63         | 2.68         | 3.37     | 4.22    | 4.85              | 5.39  | 5.51  | 4.96 | 3.54 | 2.67                          | 2.17  | 1.85                                   |
| orrected Streamflow (CFS)                        | 8.0          | 8.2          | 10.3     | 12.8    | 14.7              | 16.2  | 16.7  | 14.8 | 10.6 | 8.0                           | 6.7   | 5.6                                    |
| orrected Streamflow (CFSM)                       | 2.97         | 3.06         | 3.82     | 4.75    | 5.47              | 6.02  | 6.20  | 5.50 | 3.95 | 2.97                          | 2.49  | 2.08                                   |
| redicted % Baseflow                              | 0.89         | 0.88         | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  | 0.90 | 0.89 | 0.90                          | 0.87  | 0.89                                   |
| UTURE CONDITIONS (CFSM)                          |              |              |          |         |                   |       |       |      |      |                               |   |  |
| · · · · · ·                                      | OCTOBER      | NOVEMBER     | DECEMBER | JANUARY | FEBRUARY          | MARCH | APRIL | MAY  | JUNE | JULY                          | AUGUST  | SEPTEMBE                               |
| orrected Baseflow (CFS)                          | 7.1          | 7.2          | 9.0      | 11.3    | 13.0              | 14.4  | 14.8  | 13.3 | 9.4  | 7.1                           | 5.8   | 4.9                                    |
| orrected Baseflow (CFSM)                         | 2.63         | 2.67         | 3.36     | 4.20    | 4.82              | 5.35  | 5.49  | 4.93 | 3.51 | 2.65                          | 2.15  | 1.83                                   |
| orrected Streamflow (CFS)                        | 8.0          | 8.2          | 10.2     | 12.7    | 14.6              | 16.1  | 16.6  | 14.7 | 10.6 | 7.9                           | 6.7   | 5.5                                    |
|  |              |              | 0.00     | 4.70    | F 4.4             | 5.98  | 6.17  | F 40 | 0.00 | 0.05                          | 2.47  | 2.05                                   |
| orrected Streamflow (CFSM)                       | 2.96         | 3.05         | 3.80     | 4.73    | 5.44              | 5.98  | 0.17  | 5.46 | 3.92 | 2.95                          | 2.41  | 2.05                                   |
| Corrected Streamflow (CFSM) Predicted % Baseflow | 2.96<br>0.89 | 3.05<br>0.88 | 0.88     | 0.89    | 0.89  JBBASIN WAT | 0.90  | 0.89  | 0.90 | 0.89 | 0.90                          | 0.87  | 0.89                                   |
|  |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90                          | 0.87  | 0.89                                   |
| redicted % Baseflow                              |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90                          |   | 0.89                                   |
| redicted % Baseflow                              |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90                          | 0.87  FURAL BASI FURAL STRI                     | 0.89  EFLOW  EAMFLOW                   |
| 7.00   |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA NA CUI               | 0.87  FURAL BASI FURAL STRI RRENT BAS           | 0.89  EFLOW EAMFLOW EFLOW              |
| 7.00 6.00  |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI             | 0.87  TURAL BASI TURAL STRI RRENT BAS RRENT STR | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW      |
| 7.00   |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00 6.00  |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | 0.87  TURAL BASI TURAL STRI RRENT BAS RRENT STR | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW      |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00 6.00 5.00 W 4.00                            |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA  NA  CUI  CUI  + FUT | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW      |
| 7.00 6.00 5.00 3.00                              |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA* NA* CUI CUI + FU    | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00<br>6.00<br>5.00                             |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA* NA* CUI CUI + FU    | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00 6.00 5.00 3.00                              |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA* NA* CUI CUI + FU    | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |
| 7.00 6.00 5.00 3.00                              |              |              | 0.88     | 0.89    | 0.89              | 0.90  | 0.89  |      |      | 0.90  NA* NA* CUI CUI + FU    | URAL BASI TURAL STRI RRENT BAS RRENT STR        | 0.89  EFLOW EAMFLOW EFLOW EAMFLOW FLOW |

MARCH

APRIL

MAY

JUNE

JULY

AUGUST SEPTEMBER

Figure 5-14A. Smelt Brook Subbasin Water Budget for Average Precipitation Conditions.

Note: Flow values DO NOT incorporate tributary flows from upstream subbasins.

OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY

0.00